

What is claimed is:

add B2

1. A valve for fluids, with a body having at least one inlet duct, at least one outlet duct and a cavity that lodges, tightly and rotatorily, a stem which has at least one perforation that generates at least two openings that may be left facing the inlet and outlet ducts, the said stem being solidarily connected to an external shaft ending up preferably in a rotary command handle, having said valve means of sealing between its body and the stem; a valve wherein the said stem is a volume of revolution and wherein the said perforation is at least one which, in turn, has at least one opening in the area of the mantle of said volume, with at least one of the openings of the said perforation being in the same mantle, ~~or~~ in the base of the stem; said mantle of the stem being grooved by one or more furrows which lodge respective O-rings; being said grooves of a closed loop geometry that surrounds said mantle of the stem so that each groove passes at least over one opening of the perforation or over one virtual opening comprised between two real openings of the same level, with each of these grooves passing beneath at least one opening of the perforation or underneath a virtual opening comprised between two real openings, of the same level, of said stem perforation.

2. A valve for fluids, as in claim 1, wherein the stem is cone-frustum shaped.
3. A valve for fluids, as in claim 1, wherein the stem has an hemispheric portion.
4. A valve for fluids, as in claim 1, wherein the stem is cylindrical.
5. A valve for fluids, as in claim 1, wherein the perforation of the stem is only one and has at least two openings.
6. A valve for fluids, as in claim 1, wherein the stem has more than one perforation, one independent from the other, with each perforation having at least two openings.
- a 7. A valve for fluids, according to claims 5 or 6, wherein at least one of the perforations of the stem has a plurality of openings at different levels of its mantle, with only one opening at each level.
- a 8. A valve for fluids, according to claims 5 or 6, wherein at least one of the perforations of the stem has one or more levels of openings, with a plurality of said openings in at least one of these levels.

9. A valve for fluids, as in claim 1, wherein one of the grooves that lodge an O-ring forms a closed loop that surrounds the whole stem mantle.

10. A valve for fluids, as in claim 9, wherein said groove passes over at least one opening of the perforation of the stem, where said openings may be real and/or virtual and are located in the mantle of the said stem, with the said groove passing beneath the rest of the real and/or virtual openings that may be located at the same level of the stem.

11. A valve for fluids, as in claim 10, wherein said groove passes over at least two consecutive openings, being said openings real and/or virtual.

12. A valve for fluids, as in claim 10, wherein said groove passes over at least two non-consecutive openings, being said openings real and/or virtual.

13. A valve for fluids, as in any one of claims 1 ~~or 9-12~~ inclusive, wherein one of the grooves that lodge an O-ring forms a loop surrounding a region of the stem mantle which contains at least one opening of the perforation of the said stem, being this opening real and/or virtual.

14. A valve for fluids, as in claim 13, wherein said groove encloses at least two consecutive openings, being these openings real and/or virtual.

15. A valve for fluids, as in claim 13, wherein said groove encloses non-consecutive groups of real and/or virtual openings, each of them having one or more openings.